# MEDICAL MATERIEL SET LABORATORY LIQUID BLOOD BANK

Support and Consumables Handbook

> 6545-01-524-6160 UA N304 LIN M09166

> > DRAFT

April 2007 U.S. Army Medical Materiel Agency The information contained in this manual was prepared by the U.S. Army Medical Materiel Agency, Materiel Acquisition Directorate, Ancillary Care Division, Fort Detrick, MD

This manual is still in draft form and may contain inaccuracies. To report inaccuracies or additions, please contact 301-619-4301/4316, DSN 343-4301/4316, or <a href="mailto:USAMMACRM@amedd.army.mil">USAMMACRM@amedd.army.mil</a>. Responses may also be mailed to:

Commander U.S. Army Medical Materiel Agency MCMR-MMO-AA 1423 Sultan Drive, Suite 100 Fort Detrick, MD 21702-5001 NOTE: CLICK ON TITLE FOR DIRECT LINK

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#### BLOOD BANK INCUBATOR GEL TOC

#### ORTHO CLINICAL DIAGNOSTIC INC MODEL #: MTS9680

Manufacturer's PHONE: (585) 453-3400 FAX: (585) 453-3660

Website: www.orthoclinical.com

ACC "J" ITEM NSN 6640-01-495-3487

UA's: N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

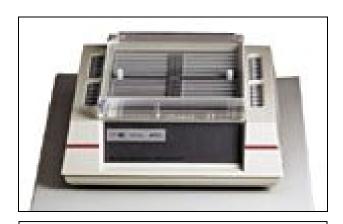
UNIT PRICE: \$3,000.00

**Used in Conjunction with Centrifuge Laboratory:** 

Click to go to: NSN 6640-01-495-3309

**System Description:** Ortho provides the tools you need to manage your pre-transfusion testing with dramatically improved workflow efficiency and standardization. Our product offering includes the ID-Micro Typing System<sup>TM</sup> (ID-MTS) Gel Test<sup>TM</sup>, with flexible automation to meet your changing needs: ABO & Rh typing, antibody screening & identification, and antigen typing.

Because the ID-Micro Typing System Gel Test requires fewer procedural steps, it's easier to perform and more cost effective than other serological methods. Plus, reduced handling means fewer operator errors and more objective interpretation of results.



BLOOD BANK INCUBATOR GEL MODEL # MTS9680 NSN # 6640-01-495-3487

# BLOOD BANK INCUBATOR GEL PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	4.25 inches
	Width	10.75 inches
	Depth	12.5 inches
	Cube	0.33 cu ft
Weight	Free Standing	11 lbs
<b>Operating Temperature Range</b>		50° F to 86° F
Relative Humidity (in use)		Up to 90%
Power Requirements		110 VAC 50/60 Hz
Amps		1 amp
Watts		110 watts

# BLOOD BANK INCUBATOR GEL (START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
6640014953487		Blood Bank Incubator gel System 110v AC 50/60Hz 12.5x10.75x4.25in	MTS9680	1	EA	\$3,000.00		Ortho Clinical Diagnostic Inc	indef.	N	3
7610015436723			50000616	1		Included	Included	Ortho Clinical Diagnostic Inc	N/A	N	3

# ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING BLOOD BANK INCUBATOR GEL

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6640014937289	IN THE UA PUSH PACKAGE	Pipette Ortho MTS ID tipmaster hand held dispenser	MTS-9640	1	EA	\$732.25	\$732.25	Ortho Clinical Diagnostic Inc	indef.	N	3
6640014937294	IN THE UA PUSH PACKAGE	Dispenser Ortho MTS plastic pump w/tubing	MTS-9612	1	EA	\$181.80	\$181.80	Ortho Clinical Diagnostic Inc	indef.	N	3
6550014979971	IN THE UA PUSH PACKAGE	Ortho MTS dispenser plastic reagent pump w/tubing dispenses 0.5ml	MTS 9610	1	EA	\$181.80	\$181.80	Ortho Clinical Diagnostic Inc	indef.	N	3
6550014936475	IN THE UA PUSH PACKAGE	MTS buffered gel card f/detection of antibodies to red blood cells	MTS 5014	1	PG	\$165.44	\$165.44	Ortho Clinical Diagnostic Inc	18	N	3
6550014936440	IN THE UA PUSH PACKAGE	Antiglobulin test reagent 48mts anti-igg cards w/6tests p/card	MTS 4024	1	PG	\$164.83	\$164.83	Ortho Clinical Diagnostic Inc	9	N	3
6550014936462		MTS control card f/use w/id- micro typing system	MTS 1001	1	EA	\$161.98	\$161.98	Ortho Clinical Diagnostic Inc	3	N	3
6550014936481		0 1 0	MTS 0515	1	EA	\$161.98	\$161.98	Ortho Clinical Diagnostic Inc	18	N	3
6640014938171	IN THE UA	Tip pipet plastic dispenser f/tipmaster part of Ortho ID-MTS blood bank 1000	MTS-9632	1	1000/PG	\$49.38	\$49.38	Ortho Clinical Diagnostic Inc	indef.	N	3
6550014936787	IN THE UA PUSH PACKAGE	MTS diluent 2 plus	MTS 9325	1	PG	\$81.81	\$81.81	Ortho Clinical Diagnostic Inc	18	Y	3
6550014936805	IN THE UA PUSH PACKAGE		MTS 9225	1	PG	\$81.81	\$81.81	Ortho Clinical Diagnostic Inc	9	N	3
6640014938176		Tip pipet plastic dispenser f/tipmaster use w/Ortho ID-MTS blood bank	MTS-9633	1	1000/PG	\$65.02	\$65.02	Ortho Clinical Diagnostic Inc	indef.	N	3
6640014937291	IN THE UA PUSH PACKAGE	Diaseal Ortho MTS plastic 2in lg use to cover gelcards	MTS-9690	1	PG	\$24.24	\$24.24	Ortho Clinical Diagnostic Inc	indef.	N	3

# BLOOD BANK INCUBATOR GEL (RESUPPLY)

								Shelf		CONUS Ship
NSN	Nomenclature	PN	OTV	UI	Unit Price	Total Price	DIST/MFG	Life,	Refrig	Time,
NSN		PN	QTY	UI	Price	Price		months	Y/N	weeks
6640014937289	Pipette Ortho MTS ID tipmaster hand held dispenser	MTS-9640	1	EA	\$732.25	\$732.25	Ortho Clinical Diagnostic Inc	indef.	N	3
6640014937294	Dispenser Ortho MTS plastic pump w/tubing	MTS-9612	1	EA	\$181.80	\$181.80	Ortho Clinical Diagnostic Inc	indef.	N	3
6550014979971	Ortho MTS dispenser plastic reagent pump w/tubing dispenses 0.5ml	MTS 9610	1	EA	\$181.80	\$181.80	Ortho Clinical Diagnostic Inc	indef.	N	3
6550014936475	MTS buffered gel card f/detection of antibodies to red blood cells	MTS 5014	1	PG	\$165.44	\$165.44	Ortho Clinical Diagnostic Inc	18	N	3
6550014936440	Antiglobulin test reagent 48mts anti-igg cards w/6tests p/card	MTS 4024	1	PG	\$164.83	\$164.83	Ortho Clinical Diagnostic Inc	9	N	3
6550014936462	MTS control card f/use w/id- micro typing system	MTS 1001	1	EA	\$161.98	\$161.98	Ortho Clinical Diagnostic Inc	3	N	3
6550014936481	MTS A B D monoclonal and reverse grouping card	MTS 0515	1	EA	\$161.98	\$161.98	Ortho Clinical Diagnostic Inc	18	N	3
6640014938171	Tip pipet plastic dispenser f/tipmaster part of Ortho ID-MTS blood bank 1000	MTS-9632	1	1000/PG	\$49.38	\$49.38	Ortho Clinical Diagnostic	indef.	N	3
6550014936787	MTS diluent 2 plus	MTS 9325	1	PG	\$81.81	\$81.81	Ortho Clinical Diagnostic Inc	18	Y	3
6550014936805	MTS diluent 2	MTS 9225	1	PG	\$81.81	\$81.81	Ortho Clinical Diagnostic Inc	9	N	3
6640014938176	Tip pipet plastic dispenser f/tipmaster use w/Ortho ID-MTS blood bank	MTS-9633	1	1000/PG	\$65.02	\$65.02	Ortho Clinical Diagnostic Inc	indef.	N	3
6640014937291	Diaseal Ortho MTS plastic 2in lg use to cover gelcards	MTS-9690	1	PG	\$24.24	\$24.24	Ortho Clinical Diagnostic Inc	indef.	N	3

## CENTRIFUGE LABORATORY 110/120VAC 60HZ SINGLE PHASE TIMER PREPROGRAMED TOC

#### ORTHO CLINICAL DIAGNOSTIC INC MODEL #: MTS515060

Manufacturer's PHONE: (585) 453-3400 FAX: (585) 453-3660

Website: www.orthoclinical.com

ACC "J" ITEM NSN 6640-01-495-3309

UA's: N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

**UNIT PRICE: \$2,500.00** 

**Used in Conjunction with Blood Bank Incubator:** 

Click to go to: NSN 6640-01-495-3487

**System Description:** Ortho provides the tools you need to manage your pre-transfusion testing with dramatically improved workflow efficiency and standardization. Because the ID-Micro Typing System Gel Test requires fewer procedural steps, it's easier to perform and more cost effective than other serological methods. Plus, reduced handling means fewer operator errors and more objective interpretation of results.

Testing is performed in a prefilled card containing gel mixed with the appropriate reagent. Simply pipette, incubate, spin and read. Results are ready to report, without the need for cell washing, red cell resuspension or tube shaking. The result is optimized utilization of personnel, simplified training and increased cross-training opportunities for improved productivity and greater workflow efficiency.



CENTRIFUGE LABORATORY
PREPROGRAMED
MODEL # MTS515060
NSN # 6640-01-495-3309

## CENTRIFUGE LABORATORY PREPROGRAMED PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	5.75 inches
	Width	13.50 inches
	Depth	19.25 inches
Cube		0.86 cu ft
Weight	Free Standing	14 lbs
<b>Operating Temperature Range</b>		41° F to 104° F
Relative Humidity (in use)		Up to 90%
Power Requirements		110-120VAC 50/60 Hz
Amps		3 amps
Watts		330 watts

Caution: The main supply voltage should not exceed ±10% of the nominal voltage

#### CENTRIFUGE LABORATORY 110/120VAC 60HZ SINGLE PHASE TIMER PREPROGRAMED (START-UP)

NSN	Notes	Nomenclature	PN	ОТҮ	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
11011		Centrifuge laboratory	111	Q11	01	Cint Titee	Total Trice	Digitini	months	1/11	Weeks
	Included	110/120VAC 60hz single phase						Ortho Clinical			
6640014953309	W/NSN	timer preprogramed	MT515060	1	EA	\$2,500.00	\$2,500.00	Diagnostic Inc	indef.	N	3
						Included	Included	Ortho Clinical			
7610015437003		Operators Manual	50000615	1	EA	W/7345 NSN	W/7345 NSN	Diagnostic Inc	N/A	N	3

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING CENTRIFUGE LABORATORY PREPROGRAMED

											CONUS
									Shelf		Ship
						Unit	Total		Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
		Table work Ortho MTS									
	IN THE UA	plastic 14"x14"x3" use with						Ortho Clinical			
6515014937272	PUSH PACKAGE	Ortho blood bank system	MTS-9650	1	EA	\$375.00	\$375.00	Diagnostic Inc	indef.	N	3

#### CENTRIFUGE LABORATORY 110/120VAC 60HZ SGL PHASE TIMER PREPROGRAMED (RESUPPLY)

											CONUS
									Shelf		Ship
									Life,	Refrig	Time,
	NSN	Nomenclature	PN	QTY	UI	Unit Price	<b>Total Price</b>	DIST/MFG	months	Y/N	weeks
NO	ME										

#### CENTRIFUGE LABORATORY 3400 RPM TOC

#### BECTON DICKINSON AND COMPANY MODEL #: SERO-FUGE, 420352

Manufacturer's PHONE: (410) 316-4000 FAX: (410) 316-4732

Website: <a href="http://catalog.bd.com">http://catalog.bd.com</a>

ACC "W" ITEM NSN 6640-01-204-8691 ACC "J" ITEM NSN 6640-01-416-7345

UA's: 504A, N303, N304, N503, N504, N703, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

**UNIT PRICE: \$2,227.00** 

**System Description:** This unit has a high/low switch, electronic timer, brake switch and lid switch. This centrifuge also comes with a 12 place rotor which can accommodate from 10 X 75 mm to 12 X 75 mm tubes (not provided). The unit is portable and can be used for blood grouping, cross matching, coombs test and other cell washing procedures.

NOTE TO REQUISITIONER: FOR REPLACEMENT 12 PLACE ROTOR ORDER NSN 6640-00-445-1609 AND FOR REPLACEMENT 6 PLACE ROTOR ORDER NSN 6640-01-162-2949.



SERO-FUGE CENTRIFUGE MODEL # 420352 NSN # 6640-01-416-7345

## CENTRIFUGE LABORATORY PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	17 inches
	Width	13 inches
	Depth	12 inches
	Cube	1.53 cu ft
Weight		28 lbs
Maximum Speed		3,550 RPM HIGH SPEED
		2,450 RPM LOW SPEED
<b>Operating Temperature Range</b>		41° F to 104° F
Storage Temperature Range		41° F to 104° F
Relative Humidity (in use)		20% to 90%
Relative Humidity (storage)		20% to 90%
Power Requirements		115 Volts 50/60 Hz
Amps		6.5 amps
Watts		66 watts

## CENTRIFUGE LABORATORY (START-UP)

									Shelf		CONUS Ship
NSN	Notes	Nomenclature	PN	OTY	UI	Unit Price	Total Price	DIST/MFG	Life,	Refrig Y/N	Time, weeks
	Included	Centrifuge Laboratory	420352	_	EA	\$2,248.95		Becton Dickinson	indef.	N	3
6640004451609			42-0545				Included	Becton Dickinson	indef.	N	3
7610015437003		Operators Manual	421337	1		Included W/7345 NSN	Included W/7345 NSN	Becton Dickinson	N/A	N	3
7610015436723	Not Included W/NSN	Service Manual	429624	0	EA	\$152.00		Becton Dickinson	N/A	N	3

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING CENTRIFUGE LABORATORY

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
	IN THE UA PUSH PACKAGE				EA			Becton Dickinson	indef.	N	_

## CENTRIFUGE LABORATORY (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6640004451609	12 Place Rotor	42-0545	1	EA	\$205.33	\$205.33	Becton Dickinson	indef.	N	3
6640011622949	6 Place Rotor	420526	1	EA	\$589.98	\$589.98	Becton Dickinson	indef.	N	3
7610015437003	Operators Manual	421337	1	EA	\$10.00	\$10.00	Becton Dickinson	N/A	N	3
7610015436723	Service Manual	429624	1	EA	\$152.00	\$152.00	Becton Dickinson	N/A	N	3

#### ITEMS ARE NO LONGER MANUFACTURED BY THE COMPANY ITEMS ARE STILL IN STOCK

#### CENTRIFUGE LABORATORY REFRIGERATED TOC

#### THERMO ELECTRON CORPORATION MODEL #: GP8R

Manufacturer's PHONE: (508) 482-7000 FAX: (508) 634 2112

Website: http://www.thermo.com/

ACC "J" ITEM NSN 6640-01-447-0912

UA's: N304, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

**UNIT PRICE: \$7,414.00** 

**System Description:** The Centra-GP8R's rotor runs a spectrum of tubes, bottles, bags, plates, and slides, with aerosol protection offered as the norm instead of the exception. According to IEC, "literally hundreds" of rotor and accessory combinations are available. Refrigeration is wonderful, especially when applied to centrifuges. Not only does refrigeration help maintain the stability of biological compounds whirling along at several thousand revolutions per minute; it also enables the use of higher speeds and g-forces. The friction encountered by a rotor spinning through the air in its chamber is enough to raise its temperature several degrees. Refrigeration counteracts this effect and thus expands the usefulness of centrifugation considerably.



CENTRIFUGE LABORATORY REFRIGERATED MODEL # GP8R NSN # 6640-01-447-0912

## CENTRIFUGE LABORATORY REFRIGERATED PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	17 inches
	Width	30 inches
	Depth	24 inches
	Cube	7.08 cu ft
Rotation Speed		500-6,000 RPM
Weight	Free Standing	270 lbs
	Shipping	315 lbs
Operating Temperature Range		23° F to 104° F
Power Requirements		120 VAC 60 Hz
Amps		15 amps
Watts		1,800 watts

## CENTRIFUGE LABORATORY REFRIGERATED (START-UP)

											CONUS
									Shelf		Ship
							Total		Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Price	DIST/MFG	months	Y/N	weeks
		Centrifuge laboratory refrigerated									
6640014470912	Included W/NSN	120/230v 50/60hz AC:	GP8R	1	EA	\$7,414.00	\$7,414.00	Thermo Electron	indef.	N	3

## CENTRIFUGE LABORATORY REFRIGERATED (RESUPPLY)

	NSN	Nomenclature	PN	ОТҮ	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
1	NONE	TVOINCHCHARAC	111	QII	OI .	Trice	THEC	DIG1/WII G	months	1/11	WCCKS

#### CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE TOC

## ARLINGTON SCIENTIFIC INC MODEL #: PN-614

Manufacturer's PHONE: (801) 489-8911 FAX: (801) 489-5552

Website: www.arlingtonscientific.com

ACC "L" ITEM NSN 6530-01-508-6662

UA's: 504A, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$2,187.11

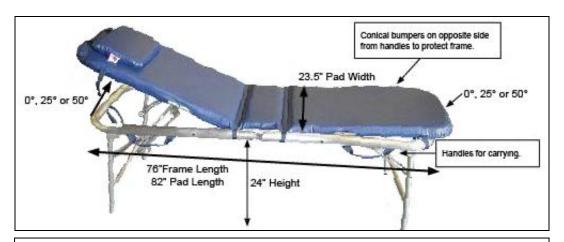
**System Description:** Versatile; multiple donor positions; adjustable at both ends; moves to trenedelenburg position rapidly; safe adjustments; functional left and right arm draws possible; sets up in 30 seconds; folds into compact and balanced unit; available in height range of 18 to 32 inches; accommodates most manufactures armrests and scales.

#### **Features:**

- Caters to patient comfort, providing flat, 25° or 50° positions.
- Strong sturdy 2-inch aluminum frame: certified to hold 450 lbs.
- Marine-grade Dura-Cote fabric resists tearing.
- One-step Posi-Loc leg system. Portable & lightweight.
- Head and footrests adjust to accommodate both left and right draws.
- Convenient detachable armrest (ships with armrest/tray) Pillow included.
- Optional height to fit your needs: order from 18 to 32 inches (standard height ordered, 24 inches.)



CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE MODEL # PN-614 NSN # 6530-01-508-6662



CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE MODEL # PN-614



CHAIR LOUNGE ARMREST WITH TRAY PART # 20614-800

## CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height to top of rail	24 inches
	Width	23.5 inches
	Length	82 inches
Cube		26.76 cu ft
Weight	Free Standing	35 lbs

Height does not include height of armrest or back and footrest if raised.

# CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE (STARTUP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6530015086662	Included W/NSN	Chair Lounge Blood Donor Adjustable Versatile	PN-614	1	EA	\$2,187.11	\$2,187.11	Arlington Scientific Inc	indef.	N	3
		Novax Armrest/Tray	20614-800	1			Included W/6662 NSN	Arlington Scientific Inc	indef.	N	3
		Detachable Pillow	20614-725	1			Included W/6662 NSN	Arlington Scientific Inc	indef.	N	3
		Replacement Cushion	20614-700	1			Included W/6662 NSN	Arlington Scientific Inc	indef.	N	3

## CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
	Novax Armrest/Tray	20614-800	1	EA	\$123.00		Arlington Scientific Inc	indef.	N	3
	Detachable Pillow	20614-725	1	EA	\$45.00		Arlington Scientific Inc	indef.	N	3
	Replacement Cushion	20614-700	1	EA	\$160.00		Arlington Scientific Inc	indef.	N	3

#### CONTAINER TRANSPORT THERMAL WOODLAND TOC

#### MINNESOTA THERMAL SCIENCE LL MODEL #: GH-WA-MTS-4U

Manufacturer's PHONE: (952) 884-3629 FAX: (763) 412-4801

Website: <a href="http://www.mnthermalscience.com">http://www.mnthermalscience.com</a>

#### AAC "L" ITEM NSN 6530-01-505-5301

UA's: 263A, 504A, 905A, 912A, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$2,971.25

**System Description:** The thermal container is used for storage and transport of blood, pharmaceuticals, reagents and vaccines in the field. Maintains internal temperature between 33.8° to 50° Fahrenheit for 48 plus hours in any environment. It can maintain 41° Fahrenheit temperature for 96 hours. It requires no ice because of the combined performance of the Vacuum Insulated Panel (VIP) and the Thermal Isolation Chamber (TIC<sup>TM</sup>). Canvas cover with strap included.

#### **Features:**

- Transports and stores up to 4 units of red blood cells (RBCs).
- Maintains RBCs at required temperature of between 33.8° F and 50°F for up to 60 hours, even in harsh environments.
- Requires no ice because of the combined performance of the Vacuum Insulated Panel (VIP) and the Thermal Isolation Chamber (TIC<sup>TM</sup>).
- Weighs approximately 7 pounds, is highly portable and reusable.
- Payload dimensions: 6.0" x 5.0" x 4.25".
- Outside dimensions: 8.8" x 7.8" x 7.2".
- Additional applications include transport and/or storage of vaccines, other biologics, organs, reagents, and any other temperature-sensitive materials or products.



CONTAINER TRANSPORT THERMAL MODEL # GH-WA-MTS-4U NSN # 6530-01-505-5301

## CONTAINER TRANSPORT THERMAL PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Payload Dimensions	Height	6.0 inches
	Width	5.0 inches
	Depth	4.25 inches
Outside Dimensions	Height	8.8 inches
	Width	7.8 inches
	Depth	7.2 inches
Weight		7 lbs
Cube		0.29 cu ft
		33.8° F to 50° F for up to 60 hours
Maintains Temperature		in harsh environments

# CONTAINER TRANSPORT THERMAL (START-UP)

											CONUS
									Shelf		Ship
							Total		Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Price	DIST/MFG	months	Y/N	weeks
		Container transport thermal									
		maintain temp f/48+hrs3 color						Minnesota Thermal			
6530015055301	Included W/NSN	woodland	GH-WA-MTS-4U	1	EA	\$2,971.25	\$2,971.25	Science LLC	indef.	N	3

## CONTAINER TRANSPORT THERMAL (RESUPPLY)

										Refrig	
	NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
NON	1Ε										

#### FREEZER MECHANICAL BLOOD PLASMA TOC

#### KENDRO LABORATORY PRODUCTS LP

#### NOW MANUFACTURED BY THERMO ELECTRON CORPORATION

MODEL #: CTF306

Manufacturer's PHONE: (508) 482-7000 FAX: (508) 634-2112

Website: <a href="http://www.thermo.com/">http://www.thermo.com/</a>

#### ACC "J" ITEM NSN 4110-01-490-2458

UA's: 214A, 215A, 218A, 220A, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

**UNIT PRICE: \$4767.00** 

**System Description:** Under counter Plasma Freezers are ideal for small storage requirements and for confined spaces including built-in applications. The plasma freezers are designed to provide safe and efficient storage that can be easily verified and validated.

#### **Features**:

- Frost-free operation through advanced timed defrost.
- Forced-air circulation system for maximum temperature uniformity and rapid recovery.
- Stainless steel interior and exterior.



FREEZER MECHANICAL BLOOD PLASMA MODEL # CTF306 NSN # 4110-01-490-2458

## FREEZER MECHANICAL BLOOD PLASMA PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	36 inches
	Width	24 inches
	Depth	25 inches
Cube		12.5 cu ft
Shipping Weight		240 lbs
Cubic Foot Storage		5.4 cu ft
Plasma Bag Capacity		96 Bags
Operating Temperature Range		65° F to 85° F
Relative Humidity (in use)		Less than 85%, non-condensing
Power Requirements		120 VAC 60Hz
Amps		8 amps
Watts		960 watts

## FREEZER MECHANICAL BLOOD PLASMA (START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
4110014902458	Included W/NSN	Freezer Mechanical Blood Plasma	CTF306	1	EA	\$4,767.00		Thermo Electron	indef.	N	3
7610015437003		Operators Manual	306650H01	1		Included W/2458 NSN		Thermo Electron	N/A	N	3

# FREEZER MECHANICAL BLOOD PLASMA (RESUPPLY)

					Unit	Total		Shelf Life,	Refrig	CONUS Ship Time,
									. 0	. ,
NSN	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
								l		
						1				
7610015437003	Operators Manual	306650H01	1	EA	\$18.00	\$18.00	Thermo Electron	N/A	N	3

#### ICE MAKING MACHINE CUBE TOC

#### SCOTSMANS ICE SYSTEMS MODEL #: SCE275A-1H

Manufacturer's PHONE: (847) 215-4500 FAX: (847) 913-9844

Website: www.scotsman-ice.com

#### ACC "J" ITEM NSN 4110-01-466-2015

UA's: 504A, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

**UNIT PRICE: \$4,162.00** 

**System Description:** Under counter compact ice cuber with storage has dependable performance in any condition.

#### Features:

- Breathes in and out the front. No need to allow space at its side for air circulation.
- Refrigeration system, electronic control, water pump motor and water valve are separated from the ice and water.
- Solid state, microprocessor electronic control.
- Reusable, cleanable air filter.
- 7 ft. power cord for quick installation.
- Factory installed photoelectric eye bin control simplifies installation and maximizes ice in the bin.
- Adapts to numerous under counter applications. Fits under any 40" counter.
- Slide away access door provides convenient and easy access to ice.
- 90 lbs. of storage.
- Produces up to 305 lbs. of ice in 24 hours.



ICE MAKING MACHINE CUBE MODEL # SCE275A-1H NSN # 4110-01-466-2015

## ICE MAKING MACHINE CUBE PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	33 inches
	Height with legs	39 inches
	Width	30 inches
	Depth	30.5 inches
Cube		17.47 cu ft
Shipping Weight		230 lbs
Operating	Air Temperature Range	50° F to 100° F
	Water Temperatures	40° F to 100° F
	Water Pressures	20 to 120 PSIG
Storage Temperature Range		50° F to 100° F
Relative Humidity (in use)		40% to 60% non condensing
Relative Humidity (storage)		40% to 60% non condensing
Power Requirements		115 VAC 60 Hz
	Electrical Voltage	-5% to +10%
Amps		15 amps
Watts		1725 watts

# ICE MAKING MACHINE CUBE (START-UP)

											CONUS
									Shelf		Ship
									Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
								Scotsmans Ice			
4110014662015	Included W/NSN	Ice making machine cube	SCE275	1	EA	\$4,162.00	\$4,162.00	Systems	indef.	N	3
		Operator/Service/Parts				Included	Included	Scotsmans Ice			
7610015437003	3	Manual	17-2986-01	1	EA	W/2015 NSN	W/2015 NSN	Systems	N/A	N	3

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING ICE MAKING MACHINE CUBE

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
	IN THE UA	Bag plastic polyethylene single wall a4 flat 24"x24"heat seal 14lb cap	2424	1	250/PG	\$21.96		Chalmur Bag Company Inc	indef.	N	3

# ICE MAKING MACHINE CUBE (RESUPPLY)

					***	m . 1		Shelf		CONUS Ship
NSN	Nomenclature	PN	OTY	UI	Unit Price	Total Price	DIST/MFG	Life, months	Refrig Y/N	Time, weeks
	Bag plastic polyethylene	111	QII	O1	11100	11100	DIST/III G	months	1/11	WCCRS
	single wall a4 flat						Chalmur Bag Company			
6640013589325	24"x24"heat seal 14lb cap	2424	1	250/PG	\$21.96	\$21.96	Inc	indef.	N	3
	Operator/Service/Parts									
7610015437003	_ L	17-2986-01	1	EA	\$9.95	\$9.95	Scotsmans Ice Systems	N/A	N	3

#### MICROSCOPE OPTICAL LABORATORY GENERAL PURPOSE TOC

#### **NIKON INC**

## MODEL #: ECLIPSE 50i-TE-4PA TILT HEAD MIC Manufacturer's PHONE: (410) 371-8670 FAX: (410) 995-1335

Website: http://www.nikonusa.com/template.php?cat=5&grp=25&productNr=50i

#### AAC "J" ITEM NSN 6650-01-519-8473

UA's: 4912, 4914, 207A, 215A, 263A, 905A, F303, N303, N304, N403, N436, N503, N504, N703, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$7,009.80

**System Description:** A standard laboratory microscope for use in a variety of clinical specialty settings. Includes objectives at the following magnification 4X, 10X, 40X, and 100X. It is also adaptable for high resolution bright field, dark field, EPI-Fluorescence and phase contrasts use. The light source (bulb), power cord, and optics are interchangeable with E400 (NSN 6650-01-501-2807.) The body tube contains an access port in back adaptable for use with a camera using "C" mount adapter. Includes case.



MICROSCOPE OPTICAL LABORATORY MODEL # ECLIPSE 50i-TE-4PA TILT HEAD MIC NSN # 6650-01-519-8473



CASE, MICROSCOPE PART # 50i

# MICROSCOPE OPTICAL LABORATORY PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	22 inches
	Width	17 inches
	Depth	12.7 inches
Cube		2.75 cu ft
Weight		40 lbs
<b>Operating Temperature Range</b>		50° F to 95° F
Storage Temperature Range		Not to exceed 105° F
Relative Humidity (in use)		Less than 85%, non-condensing
Relative Humidity (storage)		Less than 90%, non-condensing
Power Requirements		110/220 VAC 50/60 Hz
Amps		9 amps
Watts		148 watts

# MICROSCOPE OPTICAL LABORATORY (START-UP)

									Shelf		CONUS Ship
										Refrig	
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
		Microscope optical lab general purpose inclined	ECLIPSE								
6650015198473	W/NSN	adjustable	50i-TE-4PA	1	EA	\$7,657.01	\$7,657.01	Nikon Inc.	indef.	N	3
						Included	Included				
6240015429964		Bulb, Halogen	84246	1	EA	W/8473 NSN	W/8473 NSN	Nikon Inc.	indef.	N	3
6650015426062		Power cord, grounded	70025	1	F.4	Included	Included	NI'I I	. 1.6	N.T.	2
6650015426063		three wire	79035	1	ĿΑ	W/8473 NSN	W/8473 NSN	Nikon Inc.	indef.	N	3
		Case Hardened, shippable, for 50i/55i	92405	1	EA	Included W/8473 NSN	Included W/8473 NSN	Nikon Inc.	indef.	N	3
		Operators Manual		1		Included W/8473 NSN	Included W/8473 NSN	Nikon Inc.	N/A	N	3
	Not Included		NIKON-								
7610015436723	W/NSA	Service Manual	BIOM8	1	EA	\$75.00	\$75.00	Nikon Inc.	N/A	N	3

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THE MICROSCOPE

ĺ												CONUS
										Shelf		Ship
							Unit	Total		Life,	Refrig	Time,
	NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
		IN THE UA	Immersion Oil Microscopy						Cargille-Sacher			
	6640002999807	PUSH PACKAGE	1 oz bottle	16484	1	BT	\$3.01	\$3.01	Laboratories Inc	48	N	3

## MICROSCOPE OPTICAL LABORATORY (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6640002999807	Immersion Oil Microscopy 1 oz bottle	16484	1	ВТ	\$3.01		Cargille-Sacher Laboratories Inc	48	N	3
6240015429964	Bulb, Halogen	84246	1	EA	\$14.07	\$14.07	Nikon Inc.	indef.	N	3
	Power cord, grounded three wire	79035	1	EA	\$10.89	\$10.89	Nikon Inc.	indef.	N	3
	Case Hardened, shippable, for 50i/55i	92405	1	EA	\$525.00	\$525.00	Nikon Inc.	indef.	N	3

## MONITOR BLOOD DRAW HEMOFLOW 200 COLLECTION PORTABLE TOC

Distributed by: BAXTER HEALTHCARE CORP Manufactured by: APPLIED SCIENCE INC MODEL #: 4R4456

Distributor's PHONE: (847) 948-4770 FAX: (847) 948-3642 Manufacturer's PHONE: (530) 273-8299 FAX: (530) 273-8399

Distributor's Website: <a href="www.baxter.com/products">www.baxter.com/products</a>
Manufacturer's Website: <a href="http://applied-science.com/200.html">http://applied-science.com/200.html</a>

#### ACC "L" ITEM NSN 6515-01-513-7010

UA's: 504A, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$690.00

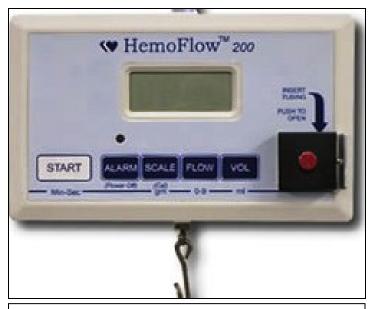
**System Description:** The HemoFlow 200 Blood Draw monitor is a lightweight, battery-powered monitor. Features programmable collection volume, automatic flow monitor with audible and visual alarms, and automatic clamping upon draw's completion.

The HemoFlow<sup>TM</sup> Model 200 monitor provides an affordable solution for upgrading from traditional scales and trip mechanisms.

The Model 200 includes all of the electronic features needed to help increase successful units, such as automatic clamping at the end of the draw, low flow monitoring and programmable collection volume.

**Features:** Weighing only 1 lb, the HemoFlow<sup>™</sup> Model 200 monitor simplifies transport and handling. It is a perfect choice for blood banks that require an affordable upgrade solution and mobility. Features and benefits include:

- Easy, one minute set up time.
- Simple, two-step calibration.
- Programmable collection volume.
- Auto-tare feature simplifies the use of different bag sets.
- Users can learn how to use the HemoFlow quickly, with just three basic steps:
  - 1. Hang the bag on the hook,
  - 2. Insert the tubing and
  - 3. Press the START key.
- Interactive CD-ROM training provides step by step lessons for new users.
- Outstanding battery life: 3-4 months, or between 960-1280 donations of use on 4 "AA" alkaline batteries. Battery life calculation is based on continuous operation five days a week, 15 draws per day.
- Lightweight (1.1 lbs), portable and durable.
- Precise leveling is not required.



MONITOR BLOOD DRAW HEMOFLOW 200 COLLECTION PORTABLE MODEL # 4R4456 NSN # 6515-01-513-7010



STAND BALANCE BLOOD COLLECTING-DISPENSING BAG PART # 4R4408

#### MONITOR BLOOD DRAW HEMOFLOW 200 PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	3.8 inches
	Width	6 inches
	Depth	1.6 inches
Cube		0.02 cu ft
Weight	With Batteries	1.1 lbs
<b>Operating Temperature Range</b>		50° F to 90° F
Power Requirements		4 AA Batteries 1.5Volts Non-rechargeable

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# MONITOR BLOOD DRAW HEMOFLOW 200 (START-UP)

											CONUS
									Shelf		Ship
									Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
	Included	Monitor Blood Draw Hemoflow						Baxter Healthcare			
6515015137010	W/NSN	200 collection portable	4R4456	1	EA	\$631.49	\$631.49	Corp	indef.	N	3
		Battery non-rechargeable				Included	Included	Baxter Healthcare			
Use Resupply		alkaline 1.5 volt AA cell		4	EA	W/7010 NSN	W/7010 NSN	Corp	36	N	3
						Included	Included	Applied Science			
7610015437003		Operators Manual	2-7500-2008	1	EA	W/7010 NSN	W/7010 NSN	Inc	N/A	N	3

All HemoFlow<sup>TM</sup> resources are also available on the HemoFlow<sup>TM</sup> Training CD-ROM. Please fill out and submit the <u>contact form</u> to request your free copy.

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING MONITOR BLOOD DRAW HEMOFLOW 200

											CONUS
									Shelf		Ship
						Unit	Total		Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
		Stand balance blood									
	IN THE UA	collecting-dispensing bag									
6515004114375	PUSH PACKAGE	index no 720	4R4408	2	EA	\$170.19	\$340.38	Baxter Healthcare Corp	indef.	N	3

## MONITOR BLOOD DRAW HEMOFLOW 200 (RESUPPLY)

NSN	Nomenclature	PN	ОТҮ	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
	Battery non-rechargeable alkaline		V. 1	- 01	11100		General Services		1/11	Weeks
		W-B-101 CL12	1	24/PG	\$41.60		Administration	36	N	3
						•	Applied Science			
7610015437003	Operators Manual	2-7500-2008	1	EA	\$5.00		1.1	N/A	N	3

### REFRIGERATOR BLOOD COOLING & STORAGE FIELD ENVIRONMENT TOC

## DOUBLEDAY ACQUISITIONS LLC ACUTEMP

MODEL #: HMC-MIL-1 Manufacturer's PHONE: (937) 312-0114 FAX: (937) 312-1277

Website: http://www.acutemp.com

AAC "W" ITEM NSN 4110-01-497-9564 AAC "J" ITEM NSN 4110-01-506-0895

UA's: 213A, 263A, 267B, 504A, 901A, F303, F306, N302, N303, N304, N503, N504, N703, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$5,560.00

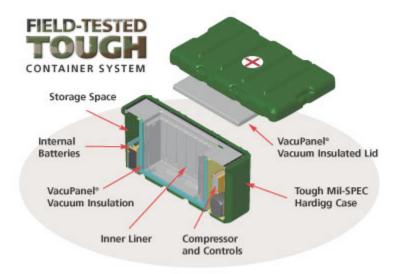
**Description:** The HemaCool<sup>TM</sup> employs new technology to protect critical blood supplies under field conditions. It is ergonomically designed for operations in adverse environments, incorporating features and controls to precisely maintain the required temperature for blood storage.

#### **Features:**

- Precise temperature control under adverse conditions
- Easily transportable
- Can run on a variety of power sources including AC, DC, onboard batteries, and solar array
- Rugged design for demanding applications
- Available with Sled Rails, Wheels, or Skis



REFRIGERATOR BLOOD COOLING & STORAGE FIELD ENVIRONMENT MODEL # HMC-MIL-1 NSN # 4110-01-506-0895





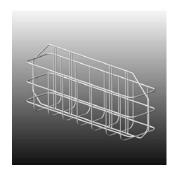


## HEMACOOL REFRIGERATION SYSTEM PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	21.8 inches
	Width	21 inches
	Length	37.5 inches
Payload Dimensions	Height	13 inches
	Width	14 inches
	Length	18 inches
Payload Volume		2 cu ft (56.6 liters)
Cube		9.5 cu ft
Empty Weight		145 lbs
Storage Only		40 x 450 ml or 60 x 250 ml units
Operating Temperature		-4° F min., 120° F max. (-20° C to 49° C)
Storage Temperature		-22° F min., 149° F max. (-30° C to 65° C)
<b>Temperature Limits</b>		-4° F min., 120° F max. (-20° C to 49° C)
Battery Set (2 Each)		12/24 VDC Internal 40 amp-hour Battery Set
Power Requirements		100/240 VAC 46/63 Hz
Amps		0.55 amps
Watts		55 watts







#### HEMACOOL, BLOOD BAG BASKET PART # 100000



HEMACOOL SHOWN WITH PLASMA MODEL # HMC-MIL-1



HEMACOOL CONTROL PANEL



HEMACOOL SHOWN WITH VACCINE MODEL # HMC-MIL-1

# HEMACOOL REFRIGERATION SYSTEM (START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life,	Refrig Y/N	CONUS Ship Time,
INSIN	Notes		PIN	QII	UI	Unit Price	Total Price	DIST/MFG	monus	1/IN	weeks
4110015060895	Included W/NSN	Refrigerator Blood Cooling& storage field environment	HMC-MIL-1	1	EA	\$5,560.00	\$5,560.00	AcuTemp	indef.	N	3
6515015130792		Blood Basket	100000	5	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2
4110015188542		AC Power Cord	VXC-1-06	1	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2
6150015121007		DC Power Cord	100003	1	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2
4110015188252		Battery	101880	2	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2
7610015434003		Operator Manual	102010	1	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2
7610015436723		Service Manual	102011	1	EA	Included W/0895 NSN	Included W/0895 NSN	AcuTemp	N/A	N	2

# HEMACOOL REFRIGERATION SYSTEM (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015130792	Blood Basket	100000	5	EA	\$16.44	\$82.20	AcuTemp	N/A	N	2
4110015188542	AC Power Cord	VXC-1-06	1	EA	\$16.00	\$16.00	AcuTemp	N/A	N	2
6150015121007	DC Power Cord	100003	1	EA	\$87.00	\$87.00	AcuTemp	N/A	N	2
4110015188252	Battery	101880	2	EA	\$60.00	\$120.00	AcuTemp	N/A	N	2
7610015434003	Operator Manual	102010	1	EA	\$15.00	\$15.00	AcuTemp	N/A	N	2
7610015436723	Service Manual	102011	1	EA	\$15.00	\$15.00	AcuTemp	N/A	N	2

#### REFRIGERATOR MECHANICAL COMMERCIAL: BLOOD BANK TOC

#### HARRIS MFG CO INC

### NOW MANUFACTURED BY THERMO FISHER SCIENTIFIC

MODEL #: HLT30V-4BB

Manufacturer's PHONE: (828) 658-2711 FAX: (828) 658-0363

Website: www.harrisphq.com/home.htm

AAC "W" ITEM NSN 4110-01-158-7992 ACC "J" ITEM NSN 4110-01-422-6809

UA's: 504A, F303, N304, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$8,749.00

**System Description:** Harris blood bank refrigerators are designed to maintain 39° F operating temperature with excellent temperature uniformity, fast recovery after door openings, and quick response to increased blood load.

#### **Features:**

- All models include standard high/low alarm, alarm and probe testing, and temperature monitoring and chart systems for permanent records
- Automatic defrost function, microprocessor controlled
- Adjustable temperature control, range 34° F to 46° F, factory pre-set to 39° F
- Set point security with key-operated triple-position master switch controls power to all systems for added safety
- Audible/visual warnings for door ajar, low alarm battery, system maintenance and power failure
- Alarm set points factory pre-set to warn of temperature deviation at 42° F or 35° F
- A graphic thermometer glows green for normal operation. Top bar flashes if temperature exceeds set point parameters, lower bulb flashes during under temperature condition
- Defrost sensor manages automatic defrost cycle, minimizes trace amounts of frost build-up, and maintains refrigeration coil efficiency for most economical, responsive performance
- Standard alarm silence, ring back and automatic reset functions
- Convenient push button alarm test with battery back-up to assure system readiness. Remote alarm contacts standard on all models



REFRIGERATOR MECHANICAL COMMERCIAL: BLOOD BANK MODEL # HLT30V-4BB NSN # 4110-01-422-6809

# REFRIGERATOR MECHANICAL COMMERCIAL PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	77.5 inches
	Width	28 inches
	Depth	36.2 inches
Cube		45.46 cu ft
Shipping Weight		505 lbs
<b>Operating Temperature Range</b>		65° F to 85° F
Relative Humidity (in use)		Less than 85%, non-condensing
<b>Chart Recorder Paper Temperature Range</b>		-175° F to 122° F
Power Requirements		115 VAC 60 Hz
Amps		9.4 amps
Watts		1,081 watts

# REFRIGERATOR MECHANICAL COMMERCIAL (START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
	Included	Refrigerator Mechanical						Thermo			
4110014226809	W/NSN	Commercial: Blood Bank	HLT30V-4BB	1	EA	\$8,749.00	\$8,749.00	Electron	indef.	N	3
Use Resupply		Chart recorder paper	90520H11	1			Included W/6809 NSN	Thermo Electron	N/A	N	3
7610015437003		Operators Manual	34830H28	1		Included W/6809 NSN	Included W/6809 NSN	Thermo Electron	N/A	N	3
7610015436723	Not Included W/NSN		313398Н02	1	EA	\$46.00	\$46.00	Thermo Electron	N/A	N	3

# REFRIGERATOR MECHANICAL COMMERCIAL (RESUPPLY)

										CONUS
								Shelf		Ship
					Unit	Total		Life,	Refrig	Time,
NSN	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
							GS Laboratory Equipment			
6640013845768	Chart recorder paper 50s	6184	1	50/PG	\$38.00	\$38.00	Inc	indef.	N	3
761001543672	Service Manual	313398H02	1	EA	\$46.00	\$46.00	Thermo Electron	N/A	N	3

#### SEALING MACHINE, ELECTRONIC TUBE TOC

#### BAXTER HEALTHCARE CORP MANUFACTURED BY SEBRA MODEL #: 4R4341

Manufacturer's PHONE: (847) 948-2000 FAX: (847) 948-3642

Website: www.baxter.com

AAC "W" ITEM NSN 3540-01-204-5393 ACC "J" ITEM NSN 3540-01-514-2241

UA's: 504A, F303, N304, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$3,315.26

**System Description:** The Hematron Seal-Rite is an ergonomically friendly bench top tube sealer, which incorporates an angled, low to work surface and integrated sealing head in the creation of snap-apart hermetic seals.



SEALING MACHINE, ELECTRONIC TUBE MODEL # 4R4341 NSN # 3540-01-514-2241

## SEALING MACHINE, ELECTRONIC TUBE PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	8.2 inches
	Width	12.6 inches
	Depth	7.7 inches
Cube		0.46 cu ft
Weight	Free Standing	12.6 lbs
	Shipping	16 lbs
Altitude up to		6,562 feet
<b>Operating Temperature Range</b>		39.2° F to 100.4° F
Relative Humidity (in use)		80% for temperatures up to 87.8° F decreasing
		linearly to 50% relative humidity at 100° F
Power Requirements		115 VAC 60 Hz
Amps		0.43 amps
Watts		50 watts

## SEALING MACHINE, ELECTRONIC TUBE (START-UP)

									Shelf		CONUS Ship
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Life, months	Refrig Y/N	Time, weeks
		Sealing Machine,	111	QII	O1	Omernee		Baxter Healthcare	monus	1/11	WCCKS
3540015142241	W/NSN	electronic tube	4R4341	1	EA	\$3,315.26	\$3,315.26	Corp	indef.	N	3
						Included	Included				
Use Resupply		Splash Guards		1	6/PK	W/2241 NSN	W/2241 NSN	Sebra	indef.	N	3
						Included	Included				
		Power Cord	25900001	1	EA	W/2241 NSN	W/2241 NSN	Sebra	indef.	N	3
						Included	Included				
7610015437003		User Manual	24650812-00	1	EA	W/2241 NSN	W/2241 NSN	Sebra	indef.	N	3

# ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING SEALING MACHINE, ELECTRONIC TUBE

						Unit	Total		Shelf Life,	Refrig	CONUS Ship Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
	IN THE UA	Blood collecting & dispensing bag	1BB-TCD				•				
6515014331250	PUSH PACKAGE	c/o 450x1150 primary co 30unit	456A4	2	30/PG	\$426.57	\$853.14	Terumo Corp	18	N	3

# SEALING MACHINE, ELECTRONIC TUBE (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
	Blood collecting & dispensing bag c/o 450x1150	1BB-TCD 456A4	1	30/PG	\$426.57	\$426.57	Terumo Corp	18	N	3
	Splash Guards	1080006	1	50/PK	\$50.00	\$50.00	Sebra	indef.	N	3
	Power Cord	25900001	1	EA	\$16.90	\$16.90	Sebra	indef.	N	3
7610015437003	User Manual	24650812-00	1	EA	\$30.00	\$30.00	Sebra	indef.	N	3

#### SHELTER: TACTICAL EXPANDABLE TWO SIDED TOC

### US ARMY NATICK RESEARCH AND DEVELOPMENT CENTER MODEL #: S-786/G

Manufacturer's PHONE: (508) 233-4001 FAX: (508) 233-5065 Website: www.natick.army.mil/soldier/jocotas/index.htm

#### AAC "J" ITEM NSN 5411-01-294-9866

UA's: N301, N304, N321, N704, T401, T402, T403, T404, T405, T406, T407, T408, T409

USAMMA POC: Equipment Acquisition Division, 301-619-4060, DSN 343-4060 UNIT PRICE: \$62,143.00

**System Description:** Army ISO shelters are compatible with military and commercial handling equipment and can be transported by all modes of transportation including cargo container ships, C-130, C-141, C-5A and C-17 military aircraft, trucks, trailers and the M1022A1 ISO Dolly Set. These shelters are comprised of individual replaceable panels that are either bolted or hinged into place. These panels are fabricated by hot bonding aluminum skins to resin impregnated paper honeycomb core material. Each ISO shelter is wired for three phase electrical distribution and is integrated with internal fluorescent lights, 120 VAC, 20 amp electrical outlets, an external area light, and an interface for external environmental control units. Each shelter is also equipped with leveling jacks and can be erected in the field by four people in less than thirty minutes without any special tools.



SHELTER, TACTICAL EXPANDABLE TWO SIDED MODEL # S-786/G NSN # 5411-01-294-9866



SHELTER, TACTICAL EXPANDABLE TWO SIDED (INTERIOR) MODEL # S-786/G

# SHELTER: TACTICAL EXPANDABLE TWO SIDED PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

ISO Shipping Dimensions	Height	8.0 feet nominal
	Width retracted	8.0 feet nominal
	Length retracted	19.875 feet nominal
	Width extended	24 feet nominal
	Length extended	19.875 feet nominal
Weight Empty		6,900 lbs
Payload Weight		8,100 lbs
Shipping Cube Exterior		864 cu ft
Max Floor Load		65 lbs/ft <sup>2</sup>
Max Ceiling Load		40 lbs/ft <sup>2</sup>
Interior (Transport Mode)		19ft 1in L x 6ft 5in W x 7ft 1in H
Interior (Expanded)		18ft 4in L x 21ft 6 in W x 7ft 1in H
Power Requirements		120/240 VAC 100 amp input cable

## SHELTER: TACTICAL EXPANDABLE TWO SIDED (STARTUP)

											CONUS
									Shelf		Ship
									Life,	Refrig	Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
		Shelter: Tactical Expandable									
5411012949866	Included W/NSN	Two sided	S-786/G	1	EΑ	\$62,143.00	\$62,143.00	Natick	indef	N	3
	INCLUDED										
6150012566304	W/MTOE	Iso-power cables 100 amp	13226E7024	2	EΑ	\$2,041.00	\$4,082.00	Cecom LR Center	indef	N	2
	INCLUDED										
6150012566300	W/MTOE	4 Wire pig tale with ground	13226E7020	2	EΑ	\$486.00	\$972.00	Cecom LR Center	indef	N	2

## SHELTER: TACTICAL EXPANDABLE TWO SIDED (RESUPPLY)

ı			1	ı		i .	i e				
											CONUS
									Shelf		Ship
						Unit	Total		Life,	Refrig	Time,
	NSN	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
	NONE										

#### SINK UNIT SCRUB FIELD HOSPITAL CRS 30 INCHES TOC

#### FISHER HAMILTON L.L.C.

MODEL #: 950S936

Manufacturer's PHONE: (412) 490-8300 (800) 926-1166

FAX: (412) 490-8304

Website: <a href="http://www.fishersci.com">http://www.fishersci.com</a>

AAC "W" ITEM NSN 6530-01-163-1899 AAC "J" ITEM NSN 6530-01-308-7740

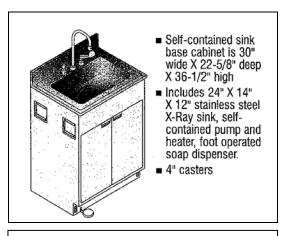
UA's: N302, N304, N321, N704

USAMMA POC: Equipment Acquisition Division, 301-619-4060, DSN 343-4060 UNIT PRICE: \$4717.14

**Special Features:** This sink has a hot and cold water supply, and is mounted on 4 detachable casters. It is a self-contained sink with a tank less electric water heater and pump. Other items that come with the sink are a removable faucet with a gooseneck spout, paddle shaped handles to control the water flow, a foot activated externally mounted soap dispenser, 2 recessed carrying handles on each side, 2 doors and a 10 ft water supply hose with auto shut-off and quick disconnect couplings. Water temperature is adjustable from 100°F to 145°F. Corrosion-resistant steel (CRS) top and sink.



SINK UNIT SCRUB FIELD HOSPITAL MODEL # 950S936 NSN # 6530-01-308-7740



SINK UNIT SCRUB FIELD HOSPITAL MODEL # 950S936

### SINK UNIT SCRUB FIELD HOSPITAL PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	36.5 inches
	Width	30 inches
	Depth	22.65 inches
Cube		14.35 cu ft
Weight		335 lbs
Cube		16.75 cu ft
<b>Power Requirements</b>		120/230VAC 50/60Hz
Amps		38 amps
Watts		9,000 watts

### SINK UNIT SCRUB FIELD HOSPITAL (START-UP)

												CONUS
										Shelf		Ship
							Unit	Total		Life,	Refrig	Time,
	NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
ſ			Sink Unit Scrub Field Hospital						Fisher Hamilton			
(	5530013087740	Included W/NSN	CRS 30 inch: DEPMEDS	950S936	1	EA	\$4717.14	\$4717.14	L.L.C	indef.	N	3

Please reference USAMMA Operator and Maintenance Literature for Medical Equipment Disk 3 for manuals.

### SINK UNIT SCRUB FIELD HOSPITAL (RESUPPLY)

											CONUS
									Shelf		Ship
						Unit	Total		Life,	Refrig	Time,
NS	SN	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
NONE											

#### THAWING SYSTEM PLASMA COUNTERTOP TOC

#### HELMER INC.

#### MODEL #: MODEL DH4

Manufacturer's PHONE: (317) 773-9073 FAX: (317) 773-9082

Website: www.helmerinc.com

#### AAC "L" ITEM NSN 6640-01-510-3136

UA's: N304, N504, N704

USAMMA POC: Equipment Acquisition Division, 301-619-4060, DSN 343-4060

**UNIT PRICE: \$5,800.00** 

**System Description:** QuickThaw Plasma Thawing Systems from Helmer use both controlled temperature and agitation to substantially reduce thaw times while ensuring the safety of your plasma. The DH4 (4 bag) model has dual baskets with independent controls that will accommodate a variety of bag configurations.

The QuickThaw is also convenient to operate, allowing you to load, program, and walk away. The QuickThaw does the rest.

#### **Special Features:**

#### **Microprocessor Temperature Controller**

- LED digital temperature display.
- Chamber temperature is programmable in 0.1° C increments.
- Visual heater status indicator.
- Audible and visual high temperature alarm.

#### **Agitation Controls**

- Independent controls and LED display for each basket.
- Set time or remaining cycle time is displayed in minutes.
- 14 time selections are available for programming cycle length.
- Cycles can be interrupted to check units or add more plasma without draining chamber.



THAWING SYSTEM PLASMA MODEL # MODEL DH4 NSN # 6640-01-510-3136



THAWING SYSTEM PLASMA SHOWING PLASMA RACKS MODEL # MODEL DH4

### THAWING SYSTEM PLASMA COUNTERTOP PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	23 inches
	Width	21.75 inches
	Depth	15.5 inches
Dimension with Baskets Raised	Height	25.5 inches
Cube		4.49 cu ft
Weight		58 lbs
Operating Temperature		41° F to 91.4° F
		80% for temperatures up to 87.8° F decreasing
Operating Humidity		linearly to 50% relative humidity at 104° F
Altitude		Up to 6,561.7 feet
Power Requirements		115 VAC 50/60 Hz
Amps		6 amps
Watts		690 watts

Note: Be careful not to discard the power cord and drain tubing held between the layer of protective wrap or foam packaging during unpacking.

# THAWING SYSTEM PLASMA COUNTERTOP (START-UP)

									Shelf Life,	Refrig	CONUS Ship Time,
NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	Y/N	weeks
6640015103136	Included W/NSN	Thawing System Plasma countertop14.5x18.5x15" 115/230 VAC rapid thaw	Model DH4	1	EA	\$5,800.00	\$5,800.00	Helmer Inc	indef	N	3
		Power Cord	120155	1		Included	Included W/3136 NSN	Helmer Inc	indef.	N	3
		Drain Coupling	220233	1	EA	Included W/3136 NSN	Included W/3136 NSN	Helmer Inc	indef.	N	3
		Drain Tubing	320515-1	1	EA	Included W/3136 NSN	Included W/3136 NSN	Helmer Inc	indef.	N	3
7610015437003		DH4 Operator Manual	360008-1	1	EA	Included W/3136 NSN	Included W/3136 NSN	Helmer Inc	indef	N	3
7610015436723		DH4 Service Manual	360097-1	1	EA	Included W/3136 NSN	Included W/3136 NSN	Helmer Inc	indef	N	3

Manuals can be e-mailed, if requested at no charge.

## ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THAWING SYSTEM PLASMA COUNTERTOP

												CONUS
										Shelf		Ship
							Unit	Total		Life,	Refrig	Time,
	NSN	Notes	Nomenclature	PN	QTY	UI	Price	Price	DIST/MFG	months	Y/N	weeks
		IN THE UA	Bags plasma over wrap Std size									
6	515015113624	PUSH PACKAGE	for DH4 1000s	400273-1	1	1000/PG	\$106.00	\$106.00	Helmer Inc	indef	N	3

## THAWING SYSTEM PLASMA COUNTERTOP (RESUPPLY)

NSN	Nomenclature	PN	ОТҮ	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
	Bags plasma over wrap Std size	111	QII	O1	THEC	THEC	DIST/MI	months	1/11	WCCRS
6515015113624	for DH4 1000s	400273-1	1	1000/PG	\$106.00	\$106.00	Helmer Inc	indef.	N	3
	Power Cord	120155	1	EA	\$14.98	\$14.98	Helmer Inc	indef.	N	3
	Drain Coupling	220233	1	EA	\$26.37	\$26.37	Helmer Inc	indef.	N	3
	Drain Tubing	320515-1	1	EA	\$12.05	\$12.05	Helmer Inc	indef.	N	3

#### VIEW AGGLUTINATION TEST TUBE **TOC**

Distributed by: CARDINAL HEALTH 200 INC. THE MEDICAL Manufactured by: BECTON, DICKINSON AND COMPANY CARDINAL HEALTH only, MODEL #: L6045-1A Distributor's PHONE: (847) 578-4887 FAX: (847) 689-1742 Manufacturer's PHONE: (410) 316-4000 FAX: (410) 316-4732

Distributor's Website: <a href="www.cardinal.com/mps/focus/lab/">www.cardinal.com/mps/focus/lab/</a>

Manufacturer's Website: www.bd.com

ACC "J" ITEM NSN 6640-01-500-8779

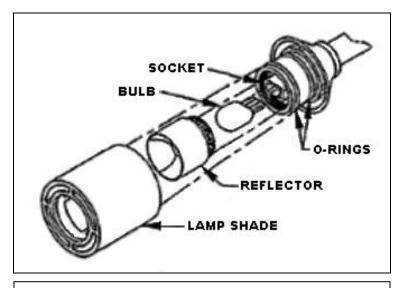
UA's: F303, N304, N504, N704

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403 UNIT PRICE: \$681.54

**System Description:** Use this test tube viewer for blood typing, cross matching, prothrombin time, Kahn and other agglutinations, flocculation and serodiagnostic tests. Viewer provides a magnified view of the undersurface of test tube contents and permits an easier and more accurate reading than a magnifying lens. Test tube contents are illuminated from above by a 5 watt bulb and from below by a magnifying mirror. Complete with bulb and magnifying mirror. (Positions of both lamp and mirror are adjustable.)



AUGGLUTINATION TEST TUBE VIEWER MODEL # L6045-1A NSN # 6640-01-500-8779



VIEW AGGLUTINATION TEST TUBE BULB PART # L6045-5A

### VIEW AGGLUTINATION TEST TUBE PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions	Height	14 inches
	Width	4.50 inches
	Depth	7 inches
Cube		0.25 cu ft
Weight		2.5 lbs
<b>Shipping Dimensions</b>	Height	5.6 inches
	Width	8.25 inches
	Depth	9.45 inches
Cube		0.25 cu ft
Shipping Weight		3.22 lbs
Altitude		0 to 6,562 feet
Operating Temperature Range		64.4° F to 91.4° F
Storage Temperature Range		-4° F to 149° F
Relative Humidity (in use)		20% to 85% Non-condensing
Relative Humidity (storage)		20% to 85% Non-condensing
Power Requirements		12 VAC 50/60 Hz
Amps		500 mA
Watts		6 watts

# VIEW AGGLUTINATION TEST TUBE (START-UP)

NSN	Notes	Nomenalatura	PN	OTV	UI	Unit Price	Total Price	DIST/MFG		Refrig Y/N	
INSIN	Notes	Nomenclature View Agglutination test tube	PIN	QTY	UI	Unit Price	Total Price	DIST/MFG	months	I/IN	weeks
	Included	power require 120/230V									
6640015008779	W/NSN	50/60Hz AC	L6045-1A	1	EA	\$681.54	\$681.54	Cardinal Health	indef.	N	3
						Included	Included				
See Resupply		Bulb 115V, 5W	L6045-5A	1	EA	W/8779 NSN	W/8779 NSN	Cardinal Health	indef.	N	3
See Resupply		Mirror Assembly	421485	1	EA		Included W/8779 NSN	Becton Dickinson	indef.	N	3
	Included W/NSN	Power Pack	421486	1	EA	N/A	N/A	Becton Dickinson	N/A	N	N/A
	Included	Operating Instructions /Maintenance And Service Manual 2page folded document	MA-0129-A	1	EA	N/A	N/A	Becton Dickinson	N/A	N	N/A

Note: Power Pack and operating/service manuals  $\underline{can\ not}$  be ordered separately but are supplied with Agglutination Viewer.

# VIEW AGGLUTINATION TEST TUBE (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig	CONUS Ship Time, weeks
		L6045-5A 421485	1	2/PG EA			Cardinal Health Becton Dickinson	indef.	N N	3

Becton Dickinson replacement bulb Part # for L6045-5A is 421484